

752N Plus UV-VIS Spectrophotometer 722N/721N VIS Spectrophotometer



- Sample compartment for 5-50mm cuvettes
- Precise automatic T/A changeover
- Automatic zero and full scale adjustment
- 7-inch multi color touch-screen (752N Plus and 722N)
- Equipped with USB port
- Direct concentration read-out and concentration factor setting function
- Automatic light gate technology to protect photoelectric sensors

Common Features

- 1、 The holographic blazed grating monochromator has the advantages of high wavelength accuracy, good monochromaticity and low stray light.
- 2、 7-inch multi color touch-screen, good human-computer interface. (752N Plus and 722N)
- 3、 Linear regression method and coefficient method are added to the concentration test method.
- 4、 USB interface is added, and large capacity memory can store 30 concentration curves.
- 5、 Adopt microcomputer measurement system, with high conversion accuracy of T-A, automatic adjustment of 0% T and 100% T, concentration factor setting and concentration direct reading.
- 6、 High accuracy, Good Reproducibility and Stability of Measurement Readings.
- 7、 Automatic light gate technology, No need blackbody, to protect the photoelectric sensor..

Specifications

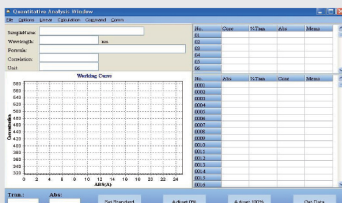
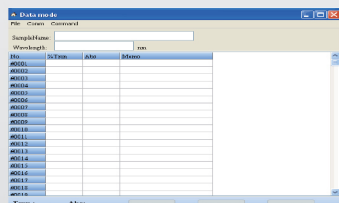
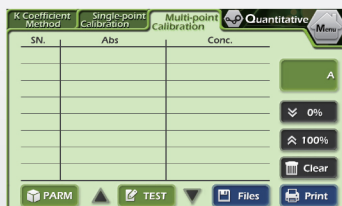
	752N Plus	722N	721N
Photometry	Single Beam		
Monochromator Type	Czerny-Turner		
Focal Length	160mm		
Grating	1200 lines/mm		
Detector	Silicon Photocell		
Wavelength Setting	Manual Turn Knob		
Wavelength Range	200-1000nm	325-1000nm	340-1000nm
Wavelength Accuracy	±2nm		
Wavelength Repeatability	≤1nm		
Spectrum Bandwidth	2nm		5nm
Stray Light	≤0.1%T (at 220nm NaI, 360nm NaNO ₂)		≤0.1 (at 360nm NaNO ₂)
Photometric Range	0-100.0%T 0-1.999A 0-1999C		
Photometric Accuracy	±0.5%T		
Photometric Repeatability	≤0.2%T		
Noise	100% (T) noise≤0.3%(T) , 0% (T) noise≤0.2%(T)		
Cuvette Holder Size	10mm		
Packaging Size	580mmX460mmX345mm 0.1M ³		
Power	AC220V±22V 50Hz±1Hz,120W	AC220V±22V 50Hz±1Hz,80W	
G.W.	16.5kg	12.5kg	

Standard Accessories

User manual	1pc
Glass cuvette 1cm	4pcs
Quartz cuvette 1cm	2pcs (752N Plus only)
Power cable	1pc
Fuse	2pcs

Optional Accessories

Thermal printer
Cuvette holder 50mm
Spectrum Data Processing Software



721N VIS Spectrophotometer